

3 at least one memory coupled to the bus for storing data and
4 programming instructions that include applications and an operating system;
5 and
6 a processing unit coupled to the bus and running the operating system
7 and applications by executing programming instructions, wherein an
8 application has a first plurality of tailored distinct programming interfaces
9 available to access a plurality of separate sets of I/O services provided through
10 the operating system via service requests.

1 2. (Amended) The computer system defined in Claim 1 wherein each
2 of the first plurality of tailored distinct programming interfaces are tailored to
3 a type of I/O service provided by each set of I/O services.

1 9. (Amended) A computer system comprising:
2 a bus;
3 at least one memory coupled to the bus for storing data and
4 programming instructions that comprise applications and an operating
5 system;
6 a processing unit coupled to the bus and running the operating system
7 and applications by executing programming instructions, wherein the
8 operating system provides input/output (I/O) services through a tailored
9 distinct one of a plurality of program structures, each tailored distinct
10 program structure comprising;
11 a first programming interface for receiving service requests for a
12 set of I/O services of a first type,
13 a first server coupled to receive service requests and to dispatch
14 service requests to the I/O services, [and]

15 an activation model to define an operating environment in
16 which a service request is to be serviced by the set of I/O services, and
17 at least one specific instance of the set of I/O services that operate
18 within the activation model.

1 19. (Amended) A computer implemented method of accessing I/O
2 services of a first type, said computer implemented method comprising the
3 steps of:
4 generating a service request for a first type of I/O services;
5 a tailored distinct family server, operating in an operating system
6 environment and dedicated to providing access to service requests for the first
7 type of I/O service, receiving and responding to the service request based on
8 an activation model specific to the first type of I/O services; and
9 a processor running an instance of the first type of I/O services that is
10 interfaces to the file server to satisfy the service request.

REMARKS

Applicants respectfully request consideration of the subject application as amended herein. This Amendment is submitted in response to an Office Action dated July 2, 1997. Claims 1-21 stand rejected. In this Amendment, Claims 1, 2, 9 and 19 have been amended.

The Examiner rejected Claims 1-21 under 35 U.S.C. §103 as being unpatentable over Applicant's admission of prior art (AAPA), in view of Taylor et al. (U.S. Patent No. 5,537,466). The Examiner contends that AAPA